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U.S.PTO

COMMISSIONER FOR PATENTS
Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT APPLICATION
Date: November 26, 2003
File No. 2309.68767

Sir:

Transmitted herewith for filing is the patent application of
Inventor(s): Zhang et al.

For: SPIN VALVE HEAD AND MAGNETIC
RECORDING DEVICE USING THE SAME

I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

11-26-03
Date

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Enclosed are:

(X) 16 pages of specification, including 18 claims and an abstract.
 () an executed oath or declaration, with power of attorney.
 (X) an unexecuted oath or declaration, with power of attorney.
 () sheet(s) of informal drawing(s).
 (X) 3 sheet(s) of formal drawing(s).
 () Assignment(s) of the invention to _____ and Assignment Cover Sheet.
 () A check in the amount of \$____ to cover the fee for recording the assignment(s).
 (X) Information Disclosure Statement, Form PTO-1449 and cited references.
 (X) Claim for Priority and Priority Document.

16834 U.S.PTO
10/723983

Fee Calculation For Claims As Filed

a) Basic Fee	\$ 770.00
b) Independent Claims	<u>2</u> - <u>3</u> = <u>0</u> x \$ 86.00 = \$_____
c) Total Claims	<u>18</u> - <u>20</u> = <u>0</u> x \$ 18.00 = \$_____
d) Fee for Multiple Dependent Claims	\$ 290.00 = \$_____
	Total Filing Fee \$ <u>770.00</u>

() Applicant(s) qualifies as a Small Entity, reducing Filing Fee by half to \$_____

() A check in the amount of \$____ to cover the filing fee is enclosed.

() ~~The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.~~

Respectfully submitted,

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